

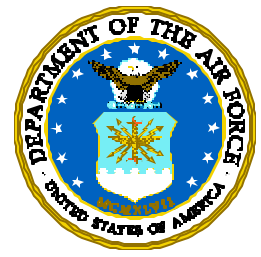


10th Annual Executive Forum on Modeling & Simulation

30 May 2001

Lt Gen Lance W. Lord
Assistant Vice Chief of Staff
United States Air Force

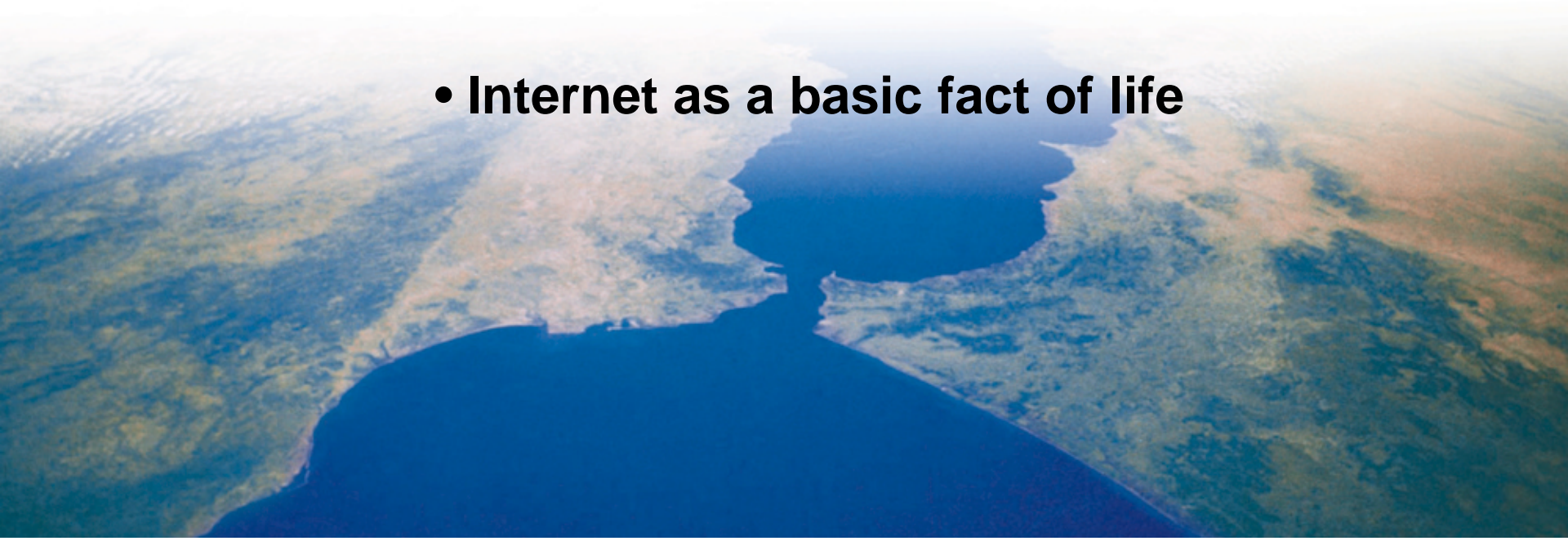
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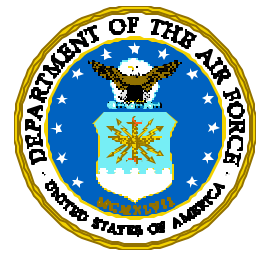


A Decade of Change



- **Across-the-board cuts in forces & budgets**
- **Major geo-political upheaval**
- **Information Technology revolution**
- **Internet as a basic fact of life**



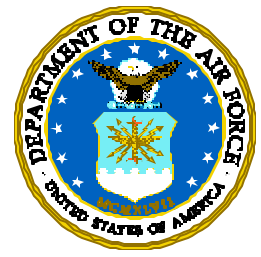


A Decade of Change



- 100 military operations worldwide
- Few forward deployed forces
- Reliance on Allies
- New type of adversaries
- Persistent, accelerating change



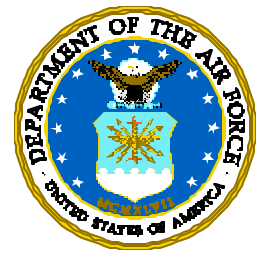


New Imperatives



- **Smaller, open acquisition programs**
- **Continuous joint requirements development**
- **New partnering mechanisms with industry**

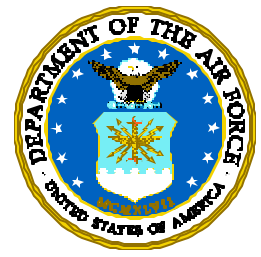
Institutionalize innovation & agility for mission success



Challenge of Space

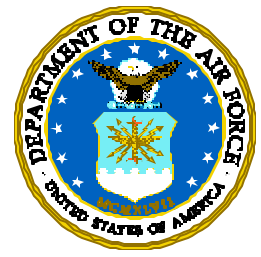


- **Space Commission Report**
 - **National Security depends on space operations**
 - **DoD and IC not well positioned to succeed**
 - **AF foster and embrace space culture**
 - **Commercial sector is critical**



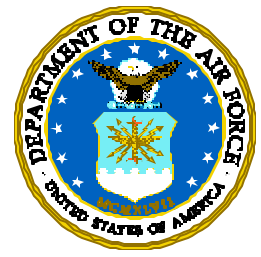
New Imperatives

- **Full-time cross-functional collaboration: WPC**
- **Scalable plug & play simulation tools**
- **Clear, enforceable standards**
- **Open, non-proprietary systems**
- **Joint Synthetic Battlespace**



Responsibilities

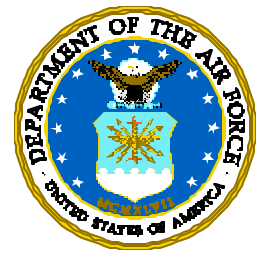
- **Military**
 - Set and enforce clear standards
 - Realistic operational requirements
- **Defense Industry**
 - Accept that requirements will change
 - Build open systems



Focus on Warfighters



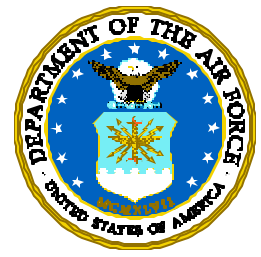
- Too little emphasis on warfighters' M&S needs
 - Joint & Component training objectives
 - Mission planning & rehearsal
 - DMSO's CINC requirements study



Warfighters' Top Issues



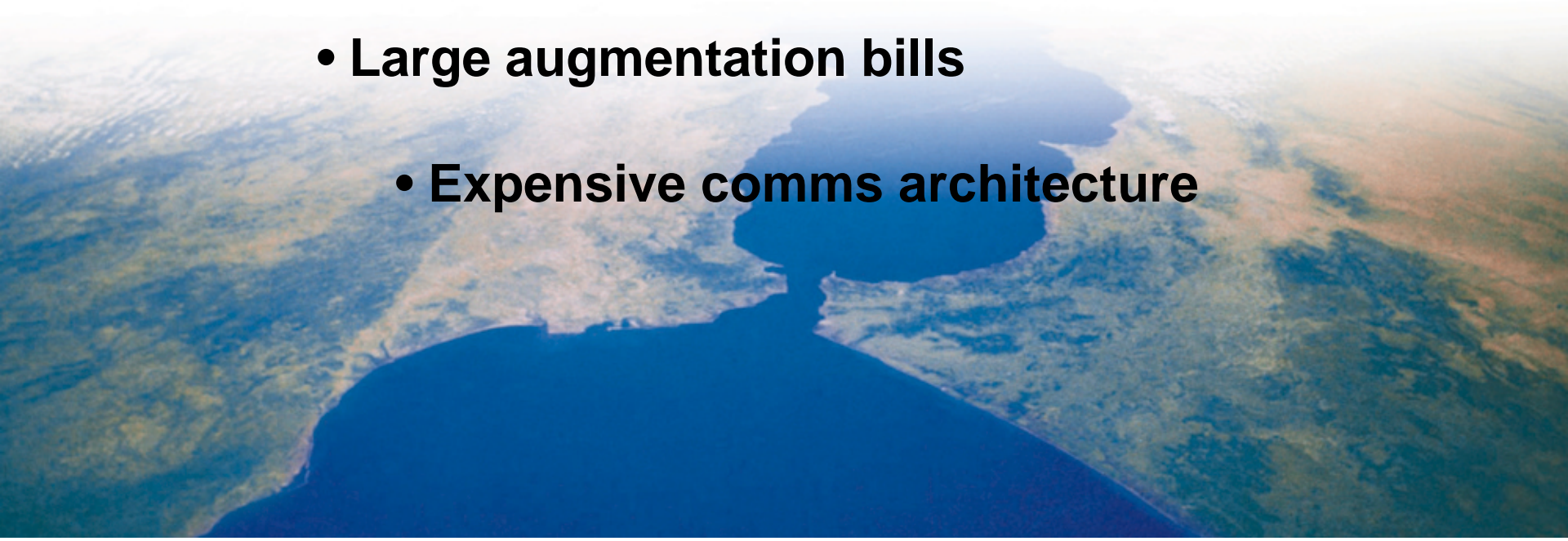
- **“Fearful Faith in JSIMS”**
 - **Concern over fielding plan and timeline**
 - **Continued support for legacy models**
 - **Get beta software to the field now**
 - **Can’t afford to screw it up**

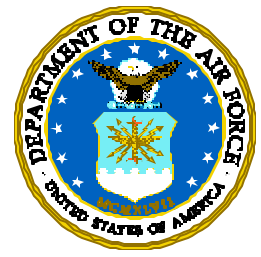


Warfighters' Top Issues



- **Must cut cost of using Models & Simulations**
- **Complex database development**
- **Large augmentation bills**
- **Expensive comms architecture**



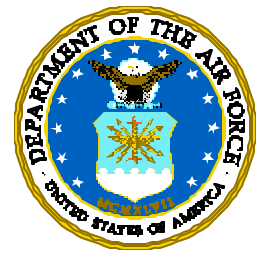


Warfighters' Top Issues



- M&S tools must run on current C4I architecture
- Project REAL WARRIOR
 - Train on go-to-war processes & systems

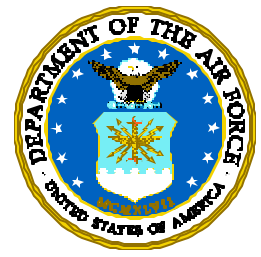




Warfighters' Top Issues



- M&S education is important to everyone
- High personnel turnover--complex issues
- Exercise design & control
- Database development
- Must be teachers and salesmen



- **Exciting times**
- **Exciting mission**
- **Takes dedicated teamwork**



